

Hull & Goole Port Health Authority

ANNUAL REPORT

OF THE

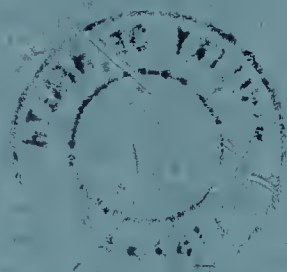
Port Medical Officer

FOR

1957



ALEXANDER HUTCHISON,
M.D., PH.D., D.P.H., F.R.F.P.S.G., D.P.A.
Port Medical Officer.



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9 PIER STREET,
HULL.

April, 1958.

*To the Chairman and Members of the
Hull and Goole Port Health Authority.*

GENTLEMEN,

I have the honour to submit the Report of the Port Medical Officer of Health of the Hull and Goole Port Health Authority for the year ended 31st December, 1957.

The Report has been prepared in accordance with the instructions contained in Form Port 20 of the Ministry of Health.

During the year there was an increase in the total tonnage of shipping entering the Port, and the number of ships boarded by the Medical Officers of the Department also showed a slight increase. The number of ships on which sanitary defects were found fell from 475 to 458.

There was a decrease in the number of insanitary conditions due to vermin, occurring in British ships, and this no doubt is in some measure due to the use of insecticidal lacquers in the treatment of insect life on board ship. These lacquers have a long-term protective effect so that many of the ships treated with them remain insect-free for periods up to two or three years. Initially the cost is high but in the long run the results well merit the expense.

It is gratifying to note the high percentage of defects that have been remedied, both on British and Foreign-owned vessels during their stay in the Port and this reflects great credit on the members of the staff of the Department.

No major outbreak of infectious disease occurred in the Port or on ships in the Port during the year. During the influenza epidemic only three vessels were seriously affected in this area, two of which were delayed from sailing for several days.

There was a slight reduction in the number of deratting exemption certificates issued. Deratting prior to the issue of a deratting certificate has been affected by fumigation with hydrogen cyanide, by poisoning with sodium fluoroacetate, and in one instance by trapping. Eight vessels were treated with hydrogen cyanide (five of which were dealt with at the owner's request) and fifteen by sodium fluoroacetate. There has been an increase in the number of vessels with rats but the degree of infestation remains low.

The reconstruction and modernisation of the Hull Docks has progressed steadily throughout the year and on the King George Dock the quays fitted with new equipment, are now complete.

At the Alexandra Dock, No. 21 Quay has been rebuilt and equipped with electric cranes.

At the Riverside Quay, the work of reconstruction is forging ahead and the first signs of the superstructure have appeared; the forthcoming year should see the completion of this project which will enhance the trade of the port, particularly with regard to fruit imports, and also supply a long-felt need for the speedier embarking and disembarking of passengers.

At the St. Andrew's Docks considerable progress has been made on the reconstruction of No. 1 Quay and Fish Market and it is anticipated that further work on this project will be carried out in 1958.

On 18th May, 1957, H.M. the Queen, accompanied by H.R.H. Prince Philip, visited the Port. During their stay Her Majesty and Prince Philip visited the St. Andrew's Docks and the newly relaid No. 1 Quay at King George Dock. Her Majesty was impressed with the activity of the Hull fishing industry and with the improvements on the Dock Estate and it is fortunate that Her Majesty's visit coincided with these new developments.

Mr. A. J. W. Harding, Senior Port Health Inspector, retired on the 13th December, 1957. He had given 38 years continuous loyal and devoted service to the Authority. I would like to take this opportunity of expressing my sincere appreciation of all the excellent work he did during his service with the Port Health Authority, and to wish him good health and happiness in his retirement. Mr. Harding's successor is Mr. M. Thomas, who has been with the Department for 22 years. I wish him every success in his new appointment.

I am grateful to H.M. Collector of Customs and Excise and Staff, the Superintendent of H.M. Customs Waterguard and his Officers, H.M. Inspector (Home Office, Aliens Branch) and his Staff, the Pilots, Dock Masters, Owners, Agents, Masters of vessels and others for the assistance they have given me during the year. I am also grateful to the British Transport Commission at Hull and Goole for supplying information regarding the trade of the respective ports.

Once again I would like to pay my tribute to the Staff, who, during the year, have worked extremely hard, and to the Chairman and Members of the Authority who have continued to take a keen interest in Port Health work and whose courtesy and kindness to me on all occasions is much appreciated.

I am,

Your obedient servant,

ALEXANDER HUTCHISON,
Port Medical Officer.

HULL AND GOOLE PORT HEALTH AUTHORITY

Constituted by an Order of the Local Government Board, dated 11th June, 1887

Members elected by the Corporation of Kingston upon Hull

COUNCILLOR W. HOBDEN (*Chairman*) COUNCILLOR G. WINTERS
COUNCILLOR J. W. SMITH

Members elected by the Goole Borough Council

ALDERMAN J. W. AIREY (*Deputy Chairman*) to 14th May, 1957
ALDERMAN T. FEARNHEAD to 14th May, 1957
COUNCILLOR G. T. MEDCALF, J.P., Mayor of Goole
(*Deputy Chairman*) from 4th June, 1957
COUNCILLOR (MRS.) J. CAMPLING—from 4th June, 1957

STAFF—TABLE A

The undermentioned staff changes have taken place during the year:

Name of Officer and Qualifications	Nature of Appointment	Date of Appointment to Staff	Any other Appointments held
R. C. Davies, M.D., D.P.H.	Deputy Port Medical Officer of Health at Hull and Medical Inspector of Aliens	8th Feb., 1955 to 3rd Mar., 1957	Deputy Medical Officer of Health and Deputy Principal School Medical Officer Corporation of Kingston upon Hull
J. G. Cairns, M.B., CH.B., D.P.H.	Deputy Port Medical Officer of Health at Hull and Medical Inspector of Aliens	16th May, 1956 appointed Deputy Port M.O.H., 4th Mar., 1957	Deputy Medical Officer of Health and Deputy Principal School Medical Officer Corporation of Kingston upon Hull
A. H. Fairlamb, M.B., B.S., D.P.H.	Medical Officer and Medical Inspector of Aliens — occasional duty	20th May, 1957	Senior Medical Officer Corporation of Kingston upon Hull
B. Reffold, M.B., B.S.	Medical Officer and Medical Inspector of Aliens — occasional duty	25th Mar., 1957	Asst. Medical Officer, Corporation of Kingston upon Hull
I. M. McCullough, L.R.C.P. & S. (Ireland) D.C.H., D.R.C.O.G.	Medical Officer and Medical Inspector of Aliens — occasional duty	from 8th April to 18th Aug., 1957	Asst. Medical Officer, Corporation of Kingston upon Hull

STAFF—TABLE A—*continued*.

Name of Officer and Qualifications	Nature of Appointment	Date of Appointment to Staff	Any other Appointments held
A.V.Hollingworth, M.B., CH.B., M.R.C.S., L.R.C.P.	Medical Officer and Medical Inspector of Aliens — occasional duty	3rd Oct., 1957	Asst. Medical Officer, Corporation of Kingston upon Hull
*A. Morgan	Inspector of Meat and other Foods at Hull	9th April, 1957	Inspector of Meat and other Foods, Corporation of Kingston upon Hull
A. J. W. Harding	Senior Port Health Inspector	from 27th April, 1920 to 13th Dec., 1957	—
M. Thomas	Senior Port Health Inspector	28th Dec., 1935 promoted 14th Dec., 1957	—
G. Wallace	Deputy Senior Port Health Inspector	10th Oct., 1938 promoted 14th Dec., 1957	—
†*T.A.K. Williams	Port Health Inspector	14th Dec., 1957	—

* Holds Certificates of the Royal Society of Health as a Public Health Inspector and an Inspector of Meat and Other Foods.

† Appointed as Assistant Officer at Goole under the Public Health (Imported Food) Regulations, 1937 and 1948.

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REPORT

Jurisdiction of Port

There has been no alteration in the definition of the limits of jurisdiction of the Port Health Authority.

Amount of Shipping entering the District during the year

During 1957, 10,718 vessels entered the Ports of Hull and Goole with a total net tonnage of 7,628,175 as against 10,805 vessels with a total net tonnage of 7,144,488 in 1956.

In the year under review 308 ships were boarded on arrival by the Medical Officers of the Authority; this shows an increase of 12 when compared with the figure for 1956.

The Port Health Inspectors visited 6,980 vessels on 458 of which sanitary defects were discovered, on 152 of these vessels the defects were remedied. In 1956 the figures were respectively 6,788, 475 and 159. Details of this work will be found in Table G, page 29, and in Appendix 1, pages 44-45, and Appendix 5, pages 52-56.

TABLE B

HULL

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports: Steamers and motor vessels 	3,684	4,561,834	293	3,255	30
Fishing vessels 	2,373	484,809	3	1,313	2
Total 	6,057	5,046,643	296	4,568	32
Coastwise Ports: Steamers and motor vessels 	1,747	1,425,231	2	981	4
Total from Foreign and Coastwise Ports	7,804	6,471,874	298	5,549	36

GOOLE

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having or having had infectious disease on board
			By the Medical Officer of Health	By the Port Health Inspector	
Foreign Ports: Steamers and motor vessels 	1,110	344,468	10	675	1
Coastwise Ports: Steamers and motor vessels 	1,804	811,833	—	756	1
Total from Foreign and Coastwise Ports 	2,914	1,156,301	10	1,431	2
Total from Foreign and Coastwise Ports Hull and Goole 	10,718	7,628,175	308	6,980	38

Character of Shipping and Trade during the year

TABLE C

PASSENGER TRAFFIC

HULL

No. of Passengers	British	Aliens	Totals
Inwards	7,984	2,927	10,911
Outwards	7,512	2,761	10,273

Total Passengers, Inwards and Outwards 21,184

GOOLE

No. of Passengers	British	Aliens	Totals
Inwards	626	170	796
Outwards	952	211	1,163

Total Passengers, Inwards and Outwards 1,959

Figures for Table C were supplied by H.M. District Inspector (Home Office—Immigration Branch).

During the year 23,143 Alien and British passengers entered or departed from the Ports of Hull and Goole as compared with 20,673 in 1956.

The number of Aliens entering the district showed an increase of 184 on comparison with the figure for 1956.

British passengers outwards increased by 1,048 when compared with the figure for 1956.

CARGO TRAFFIC

HULL

IMPORTS:

Commodity	1957 Tons	1956 Tons
Coal	177,210	204,277
Building and Road-making Materials	58,502	38,765
Fish Landings	221,528	253,648
Fruit and Vegetables	83,118	110,906
Grain, Flour and Milling Offals	659,392	683,573
Food and Provisions	276,616	244,747
Molasses	107,672	131,667
Oilseeds and Nuts	243,356	251,969
Iron Ore	—	—
Other Ores	212,094	142,111
Oil and Spirit	1,838,797	1,828,802
Iron and Steel goods (including Scrap)	176,375	301,117
Raw Wool	82,673	82,121
Pitwood and Mining Timber	180,177	155,274
Other Timber	545,547	474,123
Chemicals and Chemical Fertilisers...	92,342	109,148
Other commodities	490,795	551,449
Totals	5,446,194	5,563,697

EXPORTS:

Commodity	1957 Tons	1956 Tons
Building and Road-making Materials	24,429	15,336
Grain and Flour	13,554	29,516
Other Food and Provisions	12,206	6,102
Machinery	29,751	33,400
Vehicles and Vehicle Parts	43,579	31,747
Tinplate	1,234	1,348
Iron and Steel Manufactures...	153,525	147,744
Oil and Spirit	896,444	904,044
Textiles	1,029	1,298
Chemicals and Chemical Fertilisers	19,725	20,799
Other commodities	312,547	301,370
	1,508,023	1,492,704
Coal, Coke and Patent Fuel	2,118,166	2,213,867
Totals	3,626,189	3,706,571
TOTAL IMPORTS AND EXPORTS	9,072,383	9,270,268

There are regular freight, and in certain cases, passenger services between this port and France, Belgium, Holland, Denmark, Germany, Poland and the Scandinavian countries.

Vessels also arrive at the port from Australia, New Zealand, South America, the U.S.A. and Canada, India and Pakistan, South, East, West and North Africa, Italy, Jugo-Slavia, Greece, Turkey, Syria, Israel, Egypt, Russia and Iceland.

Coastwise traffic is principally concerned with London and the East Coast Ports.

The total tonnage through the Port during 1957 was 9,072,383 compared with 9,270,268 in 1956, a decrease of just over 2%. Inward totals were 5,446,194 tons in 1957 and 5,563,697 tons in 1956, the difference of 177,503 tons representing a little more than a 2% decrease. Outward traffics included 2,118,166 tons of coal, coke and patent fuel, a figure 95,701 tons, or 4.3%, lower than last year, but other outward cargo at 1,508,023 tons was 1% higher.

Over the year increases in inward traffic were shown in respect of timber, ores, food and provisions, pitwood and mining timber, building and road-making materials and oil and spirit. The chief decreases were in iron and steel, fish landings, fruit and vegetables, coal, grain, chemicals and chemical fertilisers and molasses. Outward traffics produced higher tonnages of vehicles and vehicle parts, building and road-making materials, provisions and iron and steel goods but lower figures for coal, coke and patent fuel, grain, oil and spirit, and machinery.

GOOLE

IMPORTS:

Commodity	1957 Tons	1956 Tons
Coal, Coke and Patent Fuel	—	51,699
Building and Road-making Materials	5,308	6,746
Fruit and Vegetables	1,467	13,042
Grain, Flour and Milling Offals	35,352	30,872
Food and Provisions	25,832	24,673
Other Ores	27,427	11,799
Oil and Spirit	—	—
Iron and Steel Goods	63,812	127,179
Raw Wool	17,508	19,538
Other Timber	1,075	—
Chemicals and Chemical Fertilisers	40,515	37,579
Other commodities	187,909	188,461
Totals	406,205	511,588

EXPORTS:

Commodity	1957 Tons	1956 Tons
Building and Road-making Materials excluding Timber, including Pitch	39,245	42,866
Grain and Flour	253	9,993
Machinery	10,908	12,713
Vehicles and Vehicle Parts	977	9
Iron and Steel Manufactures	23,638	23,749
Oil and Spirit including Creosote Tar	11,181	15,022
Textiles and Woollen Goods	20,780	16,797
Chemicals and Chemical Fertilisers	3,474	6,847
Other commodities	41,166	43,035
Coal, Coke and Patent Fuel	2,205,763	2,491,246
Totals	2,357,385	2,662,277
TOTAL IMPORTS AND EXPORTS	2,763,590	3,173,865

The greater proportion of the trade of the Port of Goole is coastal and near continental in character.

INLAND BARGE TRAFFIC

REPORT ON THE INSPECTION AND REGISTRATION OF CANAL BOATS

River and canal traffic is between Hull and Leeds, Bradford, Halifax, Castleford, Sheffield, Thorne, Doncaster, Selby, Brighouse, Barnsley, Wakefield, Goole, Selby, York, Newark, Nottingham and Gainsborough.

Number of inspections to Canal Boats	....	....	....	300
Number of boats examined for the purpose of registration	....			11
Number of additional inspections made to ascertain if notices served and verbal cautions given had been complied with				1
				<hr/>
Total number of inspections	....	....		312
				<hr/>

The 312 inspections were made on 190 boats which are registered to accommodate 620 adult persons and 264 children, whilst 395 adults (392 males and 3 females) were found to be occupying them.

Contraventions

Number of Canal Boats with contraventions	....	....		28
Number of contraventions	....	....	....	42
Number of contraventions remedied	....	....	....	5
Number of written notices issued	....	....	....	11

Registration Particulars

Total number of Canal Boats on the Register on the 31st December, 1956	....	....	....	....	1,997
Total number of Canal Boats registered during the year 1957					11
					<hr/>
					2,008
Registrations cancelled during 1957	....	....	....	....	—
					<hr/>
Total	....	....	....	....	2,008
					<hr/>

Particulars of registrations during 1957:

Boats not previously registered	....	....	....	....	10
Boats on which structural alterations had taken place	....				1
					—
Total registrations	....	....	....		11
					—
Copies of Certificates of Registration issued		....	....		6
					—
Registration Certificates endorsed in consequence of:					
(a) Change of ownership....	....	....	....	....	6
(b) Change of name of boat	....	....	....	....	6
					—
Total endorsements	....	....	....		12
					—

Infectious Diseases

No notifications were received from medical practitioners of any case of infectious disease having occurred on canal boats in the district during the year.

Legal Proceedings

It has not been found necessary during the year to institute legal proceedings.

WATER SUPPLY

For the District

Kingston upon Hull Corporation water is now supplied for domestic purposes on all docks.

For Shipping

The water supplied to ships for domestic purposes is the Kingston upon Hull Corporation supply and is delivered either by means of water boats or by hydrants situated on the dock-side.

Reports on Tests for Contamination

(a) CHEMICAL

Thirty-seven water samples obtained from water-boats and ships in Hull and Goole were examined by the Port Analyst with the following results:

Satisfactory	Suspicious	Unsatisfactory	Total
35	—	2	37

(b) BACTERIOLOGICAL

Thirty-seven samples from water-boats and ships were examined bacteriologically by the Director of the Public Health Laboratory Service. The results of the examinations were as follows:

Excellent	Highly Satisfactory	Satisfactory	Suspicious	Unsatisfactory	Total
11	—	20	—	6	37

Where the water samples were considered to be unsatisfactory as the result of the chemical or bacteriological findings, instructions were issued for the water tanks to be cleansed, cement-washed and re-filled with fresh water from the district supply. Where gross contamination was found, and time permitted, further sampling was undertaken, otherwise the Port Health Authority of the next port of call was notified of the circumstances.

Precautions against Contamination of Hydrants and Hosepipes

Vessels are supplied with fresh water from privately-owned water-boats or direct from hydrants on the quayside under the ownership of the British Transport Commission.

Samples are taken periodically from the water-boats and when considered necessary from the hydrants, the latter with the consent and co-operation of the British Transport Commission.

Should any hydrant or equipment be found in an unsatisfactory condition the matter is reported to the British Transport Commission who take the necessary action.

Number and Sanitary Condition of Water Boats and Powers of Control by the Authority

Docks	Number of Boats				
Albert and Sir William Wright				2
Humber....	2
Victoria....	2
Alexandra	3
Goole	2

These boats are under constant supervision by the Authority's Inspectors and the tanks are periodically cleansed and cement-washed. At frequent intervals samples of water are taken for chemical analysis and bacteriological examination. Where adverse reports are received the appropriate action is taken.

Control of water-boats is exercised under Part IV, Section 141 of the Public Health Act, 1936, which states:

Any well, tank, cistern, or water-butt used for the supply of water for domestic purposes which is so placed, constructed or kept as to render the water therein liable to contamination prejudicial to health, shall be a statutory nuisance for the purposes of Part III of this Act.

SMALLPOX

All cases or suspected cases of Smallpox may be sent to the Castle Hill Hospital, Cottingham, E. Yorks.

Ambulances for the removal of cases to hospital are provided at all times by the Hull Corporation Ambulance Service which is under the direction of the Medical Officer of Health of the city.

Vans are also available for the conveyance of bedding, etc. to and from the Corporation Disinfecting Station, Scarborough Street, Hull.

All ambulance crews and the staff of the Authority are subjected to periodical vaccination.

Dr. Alexander Hutchison, Medical Officer of Health of the City of Kingston upon Hull, and of the Hull and Goole Port Health Authority, is the Smallpox Consultant for the district.

Specimens for laboratory diagnosis are forwarded to either:

(a) The Virus Reference Laboratory,
Central Public Health Laboratory,
Colindale Avenue,
London, N.W.9.

or (b) The Department of Bacteriology,
Mount Pleasant,
Liverpool, 3.

VENEREAL DISEASE

Cases of Venereal Disease are treated at the Clinic, Mill Street, Hull.

The times of attendance are as follows:

Monday	....	....	....	10.0 a.m. to 12 noon 5.0 p.m. to 6.30 p.m.
Tuesday	....	....	....	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Wednesday	....	....	....	10.0 a.m. to 12 noon 5.0 p.m. to 7.0 p.m.
Thursday	....	....	....	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Friday	....	....	....	10.0 a.m. to 12 noon 5.0 p.m. to 6.0 p.m.
Saturday	....	....	....	————

A 'Notice to Seamen' Card has been printed in fourteen languages, giving the address of the clinic and the times of attendance.

At Goole a clinic is held on Thursdays from 3.0 p.m. to 7.0 p.m. at the Bartholomew Hospital.

In-patients are treated at the Western General Hospital, Anlaby Road, Hull, and at the Kingston General Hospital, Beverley Road, Hull.

At Goole in-patients are treated at the Bartholomew Hospital.

Cases of Notifiable and other Infectious Diseases on Ships

TABLE D

Cases landed from Ships from Foreign Ports

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Influenza	—	84	18
Pneumonia	—	3	3
Chicken-pox	—	2	2
Dysentery	—	1	1
Rubella	—	1	1
Malaria	—	1	1
Infective Hepatitis	—	1	1
Pulmonary Tuberculosis	—	1	1

Cases which have occurred on ships from Foreign Ports but have been disposed of before arrival

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Influenza	—	10	3
Malaria	—	2	2
Cerebro-spinal Meningitis	—	1	1
Para-typhoid B.	—	1	1

Cases landed from other Ships

Disease	Number of cases during the year		Number of ships concerned
	Passengers	Crew	
Influenza	—	12	4
Virus Encephalitis	—	1	1

INFLUENZA

The shipping at the Ports of Hull and Goole was not seriously affected by the Influenza epidemic of the late summer and autumn.

Only three vessels were affected to any extent, of which two were delayed from sailing for several days owing to a large proportion of the crew being down with Influenza. Both vessels had lascar crews.

An Assistant Port Medical Officer visited both vessels and disinfection was carried out where possible.

An outbreak also occurred amongst the apprentice pilots on the pilot cutters. Appropriate steps were taken later in regard to disinfection.

OUTBREAK OF DIARRHOEA—M/V “CAPELLA”

The above-named vessel arrived in the Humber on the 18th July, 1957 from Barcelona bound for Goole.

The Master reported that there had been an outbreak of diarrhoea amongst the crew. The vessel was boarded by the Deputy Port Medical Officer. It transpired that all persons on board, ten in number, had suffered from diarrhoea on the homeward voyage. Rectal swabs were taken from all persons on board and, with samples of food, were sent for bacteriological examination to the Public Health Laboratory. A sample of drinking water was taken when the vessel arrived at Goole.

The swabs, etc., were later reported to be all negative for organisms of the salmonella and shigella groups. The drinking water was reported as showing the presence of faecal organisms.

The Master was informed through his agents to arrange for the tanks to be thoroughly cleansed and re-filled with fresh water.

PARA-TYPHOID B.—S/S “CUZCO”

The above-named vessel arrived in Hull on the 31st December, 1957, from the West Coast of South America via Panama, Curacao and Liverpool. On the evening of that day the Port Medical Officer received notification from the M.O.H. of Widnes that a member of the crew, a junior engineer, had been confirmed as a case of Paratyphoid B.

The vessel was visited by an Assistant Port Medical Officer and inspected on the following morning. It transpired that the affected man had left the vessel at Liverpool on leave on 27th December, 1957, for Widnes.

Information was given that there had been several cases of mild diarrhoea amongst the catering staff during the homeward voyage, that a steward had left the vessel at Liverpool and had subsequently been reported as unfit for duty suffering from Enteritis. The galley boy had also left the vessel in Liverpool complaining of feeling unwell.

The vessel left Paita on 1st December, 1957 and Cristobal on 5th December, 1957. The affected man was ashore in both these places.

Bacteriological investigation of the 14 members of the original crew of 58 remaining on board, and of the drinking water, were negative.

The Medical Officers of Health of the districts to which members of the crew leaving the vessel at Hull had already or subsequently proceeded, were notified and the vessel was kept under daily surveillance. No further cases of illness occurred during the vessel's stay and she left for Antwerp on 8th January, 1958.

The authorities at Antwerp were notified of the circumstances before the vessel left Hull.

OBSERVATIONS ON THE OCCURRENCE OF MALARIA ON SHIPS

One case of Malaria was landed from a vessel during the year and two cases were reported to have suffered during the voyage.

These figures again indicate that the favourable trend as regards the incidence of Malaria on vessels from the West Coast of Africa continues.

MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED FOR PLAGUE

No ships, infected with or suspected for Plague, arrived in the district during the year.

MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS

Procedure for Inspection of Ships for Rats

The Authority's Inspectors and/or Rodent Searchers inspect all ships from foreign ports for evidence of rat infestation, special attention being given to those coming from Infected Areas, direct or via 'excepted' or British ports, numbering 304 in 1957.

Where evidence of recent infestation is found traps are laid to confirm the findings.

In 1957 traps were set on 183 ships and 87 rats were caught.

The Inspectors of the Authority also pay daily visits to ships from Infected Areas and enquiries regarding the presence of rats form part of their normal duties.

Arrangements for the Bacteriological or Pathological Examination of Rodents

A proportion of all rats trapped and all found dead, including those destroyed by the Rat Catchers employed by the British Transport Commission, are submitted to the Director of the Public Health Laboratory Service, 184 High Street, Hull, for bacteriological examination. Twenty-seven rats were examined during the year, none of which showed evidence of *Pasteurella pestis*. Details are given in Table E (page 26).

Arrangements for Deratting Ships

Four methods of rat destruction are approved, namely: (1) Fumigation by hydrogen cyanide; (2) Fumigation by sulphur dioxide; (3) Trapping, and (4) Poisoning by sodium fluoroacetate. Details are given in Tables E. and F (pages 26-27).

Where deratting by fumigation or by sodium fluoroacetate is considered necessary the work is carried out by commercial contractors. The firms approved by the Authority for undertaking this work are as follows:

- (a) Messrs. R. W. Arro & Co. Ltd.,
433 Hedon Road,
Hull.
- (b) Messrs. Harrison & Doughty Ltd.,
Wyke Street,
Hull.
- (c) Insecta Laboratories Ltd.,
176 Vauxhall Bridge Road,
London, S.W.1.
- (d) Riverside (Painters & Contractors) Ltd.,
441 Hedon Road,
Hull.
- (e) Scientex Ltd.,
30-31 Queen Street,
London, E.C.4.

PROGRESS IN RAT-PROOFING OF SHIPS

The elimination of rat harbourage in the construction of new vessels and the continued recommendations by Officers of the Authority with regard to rat-proofing in the older type of vessel play an important part in the effective control of rat life on board ships.

PREVENTION OF DAMAGE BY PESTS ACT, 1949 PREVENTION OF DAMAGE BY PESTS (APPLICATION TO SHIPPING) ORDER, 1951

No Rodent Control Certificates were issued during the year under the Prevention of Damage by Pests (Application to Shipping) Order, 1951, made under the Prevention of Damage by Pests Act, 1949.

TABLE E
RODENTS DESTROYED DURING THE YEAR
IN SHIPS FROM FOREIGN PORTS

Category	Number
Black Rats	199*
Brown Rats	—
Species not known	—
Sent for examination	10
Infected with Plague	—

* This total includes 32 rats killed as a result of fumigation by hydrogen cyanide and 80 found after treatment with sodium fluoroacetate.

RODENTS DESTROYED DURING THE YEAR IN WAREHOUSES ON THE DOCK ESTATE

Category	Number
Black Rats	8*
Brown Rats	164*
Species not known	—
Sent for examination	17
Infected with Plague	—

* The above figures were supplied by the British Transport Commission (Hull Docks).

TABLE F
 Deratting Certificates and Deratting Exemption Certificates issued during the year
 for ships from foreign ports

HCN	No. of Deratting Certificates issued		Total	Number of Deratting Exemption Certificates issued	Total Certificates issued
	After Fumigation with	After trapping			
	Other Fumigant (state method)				
8	—	1	24	592	616
		15 (sodium fluoroacetate)			

During the year under review there has been a slight reduction in the number of Deratting Exemption Certificates issued. Deratting prior to the issue of a Deratting Certificate has been effected by fumigation with hydrogen cyanide, by poisoning with sodium fluoroacetate and, in one instance, by trapping. Eight vessels were treated with hydrogen cyanide (five of which were dealt with at the owners' request) and fifteen by sodium fluoroacetate. There has been an increase in the number of vessels with rats but the degree of infestation remains low.

INSPECTION OF SHIPS FOR NUISANCES

TABLE G

INSPECTIONS AND NOTICES

Category of Nuisance and Number of Inspections	Number of Inspections		Notices Served		Result of Serving Notices
	Number Found	Number Remedied	Statutory Notices	Other Notices	
British Defects of original construction	5	1	Nil	2 (to Ministry of Transport)	1 ship remedied
Structural defects through wear and tear	160	156	Nil	10	7 ships remedied
Dirt, vermin and other conditions prejudicial to health	671	657	Nil		
Defects arising from structural alterations	27	3	Nil	*6 (to Ministry of Transport)	1 ship remedied
Foreign Defects of original construction	440	4	Nil	Nil	Nil
Structural defects through wear and tear	32	17	Nil	6	5 ships remedied
Dirt, vermin and other conditions prejudicial to health	91	88	Nil		
Defects arising from structural alterations	113	1	Nil	Nil	Nil
Totals	1,539	927	Nil	24	14

The close co-operation existing between the Ministry of Transport surveyors and the officers of your Authority continues in regard to the standards laid down in the Merchant Shipping (Crew Accommodation) Regulations, 1953.

It should be noted that defects of original construction and those arising from structural alterations are not strictly matters for correction by your officers and such defects when found on British ships are notified to the Ministry of Transport for their attention.

*Includes 1 ship notified for 'Misappropriation of Crew's space'.

Public Health (Shell Fish) Regulations, 1934 and 1948

There are no shell-fish beds within the jurisdiction of the Authority.

MEDICAL INSPECTION OF ALIENS

The Medical Inspectors of Aliens holding Warrants of Appointment at the 31st December, 1957, were as follows:

1. Dr. ALEXANDER HUTCHISON, Port Medical Officer of Health.
2. Dr. R. G. DAVIES, Deputy Port Medical Officer of Health at Hull (to 3rd March, 1957).
3. Dr. J. G. CAIRNS, Deputy Medical Officer, Hull C.B. (from 4th March, 1957).
4. Dr. A. H. FAIRLAMB, Senior Medical Officer, Hull C.B. (part-time Boarding Duty, from 20th May, 1957).
5. Dr. G. R. WALKER, Asst. Port Medical Officer of Health.
6. Dr. J. TONG, Asst. Port Medical Officer of Health.
7. Dr. S. KLINGER, Assistant Medical Officer, Hull C.B. (part-time Boarding Duty).
8. Dr. B. REFFOLD, Asst. Medical Officer, Hull C.B. (part-time Boarding Duty from 25th March, 1957).
9. Dr. I. M. McCULLOUGH, Asst. Medical Officer, Hull C.B. (part-time Boarding Duty from 8th April to 18th August, 1957).
10. Dr. A. V. HOLLINGWORTH, Asst. Medical Officer, Hull C.B. (part-time Boarding Duty from 3rd October, 1957).

ALIENS ORDER, 1953

MEDICAL EXAMINATION OF ALIENS

during the year ended 31st December, 1957

1. Number of arriving ships carrying aliens	....	....	500
2. Total number of arriving aliens (excluding crews)	....		2,927
3. Total number of ships boarded by Medical Inspectors....			165
4. Total number of aliens medically examined	....	....	100
5. Reports and certificates for aliens medically examined:			

Nature of Report or Certificate		Total number of reports and certificates issued	Aliens Not Permitted to land
A	Unsound mind or mentally defective	—	—
B (1)	Undesirable for medical reasons	—	—
B (2)	Inability to support	1*	1
	Likely to require medical treatment	1	—
C	Conditionally landed for further medical examination	—	
Totals		2	1

* Also likely to require medical treatment.

MISCELLANEOUS

ARRANGEMENTS FOR THE BURIAL ON SHORE OF PERSONS WHO HAVE DIED ON BOARD SHIP FROM INFECTIOUS DISEASE

NO CHANGE

CERTIFICATES OF HEALTH

During the year five Certificates of Health were issued to firms in respect of materials for export. The details are as follows:

<i>Date</i> 1957	<i>Name of Firm</i>	<i>Commodity</i>	<i>Destination</i>
May 28	Richard Hodgson & Sons Ltd. Beverley, E. Yorks.	70 bales Wet Salted Hides	Italy
July 5	Do. do.	371 bundles Wet Salted Ox and Cow Hides	Italy
July 25	Do. do.	134 bundles Wet Salted Ox and Cow Hides	Italy
Oct. 10	John Barry Ltd., Leith	Old Strings	Spain
Nov. 20	Alexander Jacob & Co. Ltd., London E.C.2	25 tons Waste Paper	Italy

The certificates stated that on the date of export there were no epidemics of Cholera, Typhus, Plague, Yellow Fever or Smallpox existing in the Ports of Hull and Goole and that the Ports were free from Foot and Mouth Disease.

Dangerous Drugs (No. 3) Regulations, 1923

During the year a certificate was issued under the above Regulations to enable the-Master of a foreign-owned ship to obtain one first-aid outfit containing six tubonic ampoules of 'Omnopon', in accordance with the requirements of the Ministry of Transport.

FOOD INSPECTION HULL

Report of the Chief Food Inspector

Public Health (Imported Food) Regulations, 1937-1948

Number of visits to Docks	2,140
Number of steamers from which cargoes were inspected....	982
Number of packages landed therefrom	7,719,875
Number of Detention Notes issued by H.M. Customs	468

PARTICULARS OF 'PROHIBITED MEAT' DISCOVERED

N I L

PARTICULARS OF 'MEAT PRODUCTS'— SECOND SCHEDULE

Where from	Description	Quantity
Argentina	Tinned Meat	92,761 packages
Australia	Tinned Meat	242,197 „
„	Crops and Hinds	57,466 quarters
„	Boneless Beef	13,955 bags
„	Beef Sundries	19,726 „
„	Mutton and Lamb....	74,003 carcasses
„	Pork	668 „
„	Offals	1,897 bags
„	Tallow	2,501 barrels
Belgium	Tinned Meat	2,677 packages
„	Lard	7,182 „
Denmark	Tinned Meat	400,432 „
„	Bacon	238,811 bales
„	Lard	31,900 packages
„	Pork	2,470 carcasses
„	Frozen Offals	10,261 packages
„	Sausage	896 „
„	Maws	205 barrels
„	Casings	20 „
„	Chitterlings....	8 „
France	Tinned Meat	19,068 packages
„	Lard	32,861 „
„	Sausage	100 „
Germany	Tinned Meat	18,784 „
„	Sausage	50 „
„	Lard	895 „

Where from	Description	Quantity
Holland	Tinned Meat	193,317 packages
„	Lard	40,720 „
„	Bacon	1,254 bales
„	Bobby Calves	354 carcasses
„	Sausage	196 packages
„	Frozen Offals	125 „
„	Casings	13 barrels
Norway	„	449 „
Poland	Tinned Meat	90,962 packages
„	Bacon	125,122 bales
Portugal	Tinned Meat	25 packages
Sweden	Bacon	19,347 bales
„	Pork	1,365 sides
„	Casings	90 barrels
„	Maws	9 „
U.S.A.	Lard	111,242 packages

OTHER FOODSTUFFS INSPECTED

Description	Quantity
Apples	501,268 packages
Beans	8,053 „
Beetroot	4,993 „
Bilberries	371,773 „
Biskien Korst	1,000 „
Butter	608,635 „
Cabbage	24,319 „
Carrots	64,893 „
Cauliflowers	81,535 „
Cheese	124,268 „
Cherries	210 „
Chicken	16,966 „
Chicken (Tinned)	5,888 „
Cocoabutter	84,801 „
Confectionery	35,489 „
Cream (Tinned)	6,696 „
Cucumber	45,124 „
Eggs....	14,069 „
Egg Albumen	948 „
Egg (Frozen Liquid)	17,027 „
Fresh Fish	33,569 „
Tinned Fish	43,615 „
Fondant	4,785 „
Dried Fruit....	366,358 „
Fruit Pulp	3,494 „
Tinned Fruit	283,054 „
Fruit Juice	750 „
Gherkins	2,671 „
Gooseberries	1,188 „

Description					Quantity	
Grapes	....	....	....	....	60,446	packages
Grapefruit	....	....	....	....	25,404	„
Lemons	....	....	....	....	26,019	„
Lettuce	....	....	....	....	121,133	„
Margarine	....	....	....	....	333,745	„
Melons	....	....	....	....	16,869	„
Tinned Milk	....	....	....	....	2,918	„
Mushrooms	....	....	....	....	3,150	„
Mussels	....	....	....	....	12,262	„
Nuts....	....	....	....	....	6,647	„
Onions	....	....	....	....	614,109	„
Oranges	....	....	....	....	351,058	„
Peaches	....	....	....	....	27,498	„
Pears	....	....	....	....	113,783	„
Peas (Bags)....	....	....	....	....	44,211	„
Plums	....	....	....	....	7,044	„
Pomegranates	....	....	....	....	8,550	„
Potatoes	....	....	....	....	344,175	„
Radish	....	....	....	....	1,603	„
Rice	....	....	....	....	14,720	„
Sauerkraut	....	....	....	....	650	„
Shrimps	....	....	....	....	5,047	„
Strawberries	....	....	....	....	1,955	„
Tea ....	....	....	....	....	237	„
Tomatoes (Trays)	....	....	....	....	474,591	„
Tomatoes (Tinned)	....	....	....	....	347,809	„
Vegetables in brine	....	....	....	....	5,158	„
Dried Vegetables	....	....	....	....	2,472	„
Tinned Vegetables....	....	....	....	....	26,397	„
Yeast	....	....	....	....	70,149	„
Soup Paste	....	....	....	....	10	„
Rabbits	....	....	....	....	8,684	„
Cornflour	....	....	....	....	480	„
Horseradish	....	....	....	....	83	„
Preserved Cherries....	....	....	....	....	264	„
Jam	....	....	....	....	750	„
Cocoa	....	....	....	....	2,143	„
Coffee Extract	....	....	....	....	1,954	„
Tomato Puree	....	....	....	....	11,875	„
Barley	....	....	....	....	740	„
Soup Powder	....	....	....	....	9,260	„

FOODSTUFFS FOUND TO BE UNFIT

Description					Quantity	
Confectionery	....	....	....	....	31	cartons
Lettuce	....	....	....	....	1	crate
Onions	....	....	....	....	14,145	bags, 450 boxes and 1 cask

Description	Quantity
Pears	17 trays
Margarine	20 cartons and 34 packets
Sugar	9 tons 2 qrs. 5 lb.
Tinned Goods	19 cases and 979 tins
Oranges	92 cases
Apples	4 boxes
Butter	22lb.
Bacon	36lb.
Potatoes	49 panniers
Cabbage	8 bags
Plums	1,011 bundles
Melons	167 cases
Gherkins	7 bags
Sultanas	22 tons 10 cwts. 2 qrs.
Miscellaneous (Ships stores)	5 cwts. 1 qr. 5lb.

SUMMARY OF WEIGHTS OF UNSOUND FOODSTUFFS

Description	Tons	Quantity		
		cwts.	qrs.	lb.
Confectionery	—	5	1	—
Lettuce	—	—	—	20
Onions	709	6	1	—
Pears	—	4	—	10
Margarine	—	3	1	13
Sugar	9	—	2	5
Tinned Goods	1	1	2	19
Oranges....	2	6	—	—
Apples	—	2	—	—
Butter	—	—	—	22
Bacon	—	—	1	8
Potatoes	—	8	3	—
Cabbage .	—	4	—	—
Plums	3	12	1	—
Melons	1	11	1	—
Gherkins	—	3	2	—
Sultanas	22	10	2	—
Miscellaneous	—	5	1	5

INCORRECT OR ABSENCE OF ‘OFFICIAL CERTIFICATES’

Two hundred cases of Lard, marked ‘Howard Hull’ and 800 cases of Lard marked ‘Poynter Hull’ were landed ex the m.v. *Rolf* from France without ‘Official Certificates’. The goods were detained and at a later date returned to the country of origin.

Fifty-eight barrels of Icelandic Casings, marked 'Various', were landed ex the s.s. *Harrogate* from Holland bearing incorrect 'Official Certificates'. The goods were detained and at a later date were returned to the country of origin.

Seven cases of Hams, marked 'J.L. & Co.' were landed ex the s.s. *Blenda* from Denmark bearing incorrect 'Official Certificates'. The goods were detained and returned to the country of origin by the same ship.

Twenty-five cases of Tinned Hams, marked 'S.S.M.' were landed from the s.s. *Borodino* from Denmark without 'Official Certificates'. The goods were placed under detention and were later returned to the country of origin.

Fifteen cases of Tinned Hams, marked 'Hafnia H.H.C.' were landed ex the s.s. *Borodino* from Denmark bearing incorrect 'Official Certificates'. The goods were detained and returned to the country of origin at a later date.

One hundred-and-one barrels of Casings, marked 'Various', were landed ex the s.s. *Fjallfoss* from Iceland without 'Official Certificates'. The goods were placed under detention and at a later date were re-exported to Holland.

DETENTIONS

Twenty-five tins of Dried Crystallised Hen Egg Albumen, marked 'D.E. & Z.N.' ex the s.s. *Spaarnstroom* from Amsterdam, were detained pending bacteriological examination. The goods were released when a negative report was received from the Public Health Laboratory.

OTHER INSPECTIONS

A quantity of Chilled Australian Beef was landed from the s.s. *City of Winchester* in poor condition. Letters were sent to the Medical Officers of Health of the various districts to which the meat was despatched so that they could take any necessary action.

Three hundred tons of demerara sugar ex the s.s. *Mattador* were reported to be contaminated with oil and water. The sugar was inspected and a sample submitted to the Port Analyst, who reported water contamination and not more than a trace of oil present. The goods were later re-exported.

During August a consignment of Sultanias was landed at King George Dock, of which a considerable number of cases were damaged, their contents being in a fermenting condition. Sorting took place and a quantity was released for animal feeding purposes, the remainder being condemned.

During the year quantities of Australian Liquid Frozen Egg were discharged and routine samples taken for bacteriological purposes. A total of 1,792 tins were detained, being from batches in which *Salmonella* organisms had been isolated. The tins were later released to a London firm for heat treatment.

FOOD AND DRUGS ACT, 1955

Sixty-nine samples of foodstuffs in transit were taken under the above Act.

PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS 1937-1948

The above regulations have been in operation during the year and are working satisfactorily. Nine samples of foodstuffs were taken for chemical analysis under the above Regulations during the year.

PUBLIC HEALTH (IMPORTED MILK) REGULATIONS, 1926

No action has been taken under these regulations during the year.

PUBLIC HEALTH (PRESERVATIVES, ETC. IN FOOD) REGULATIONS, 1925-1948

Thirty-nine samples of food for analysis were taken under the above regulations during the year.

Number of samples of foodstuffs submitted for:

- (a) Chemical analysis 117—report on pages 41-43
- (b) Bacteriological examination.... 875—report on page 43

Action taken as a result of unsatisfactory reports:

Preserved Cherries.—In the two cases where the amount of sulphur dioxide exceeded the amount allowed, a written guarantee was received from the firm concerned to the effect that the fruit would be so treated in order to comply with the Preservatives Regulations before being sold to the public. (See Port Analyst's Report, page 42.)

Liquid Frozen Egg.—The consignment was released to a London firm for heat treatment. (See report of the Chief Food Inspector above, and report of the Director of the Public Health Laboratory Service, page 43.)

FOOD INSPECTION GOOLE

REPORT OF THE SENIOR PORT HEALTH INSPECTOR

Public Health (Imported Food) Regulations, 1937-48

Number of visits to docks	....	....	....	....	....	184
Number of vessels from which cargoes were inspected	....					149
Number of packages landed therefrom	....	....	....			893,142
Number of Detention Notes issued by H.M. Customs	....					Nil

PARTICULARS OF 'PROHIBITED' MEAT DISCOVERED

N I L

PARTICULARS OF 'MEAT PRODUCTS'—

SECOND SCHEDULE

Description	Quantity
Bacon	201,031 bales
'Plumrose' Meat, tinned	44,682 cartons
Meat Preserves, tinned....	43,485 „
Luncheon Meat, tinned	27,921 „
Pork Luncheon Meat, tinned	18,803 „
Mixed Luncheon Meat, tinned	10,161 „
Chicken Fillets, tinned	8,352 „
Chopped Ham, tinned	5,664 „
Meat (beef), tinned	4,149 „
Pork, tinned	3,446 „
Chicken Breasts, tinned	3,120 „
Ham, tinned	2,610 cases
Ox Tongues, tinned	2,323 cartons
Lunch Tongues, tinned....	1,425 „
Pate de foie, tinned	944 „
Chopped Chicken, tinned	850 „
Vienna Sausages, tinned	841 „
Chicken Skin, tinned	771 „
Deville Ham, tinned	745 „
Cocktail Sausages, tinned and bottled	714 „
Pate de foie truffe, tinned	650 „
Frankfurter Sausages, tinned	544 „
Tongues, tinned	440 „
Chopped Pork, tinned	420 „
Hams, tinned	400 „
Bacon	390 sides
Sausages, tinned	363 cartons
Pure Pork Luncheon Meat, tinned	278 „

Description	Quantity
Pork in natural juice, tinned	257 cartons
Chicken Fat	200 tons
Udders	195 casks
Pork Loins, tinned	162 cartons
Jellied Pork, tinned	123 „
Boneless Ham, tinned	140 „
Chicken Luncheon Meat, tinned	100 „
Bacon	58 middles
Casings	58 casks
Chopped Ham and Tongue, tinned	65 cartons
Salami Sausage	61 cases and cartons
Pork Slice, tinned	50 cartons
Pork Kidneys, tinned	50 „
Ham and Tongue, tinned	29 „
Kidneys, tinned....	25 „
Fat Emulsion	16 kegs
Veal, tinned	10 cartons
Pigs' Maws	10 casks
Meat Loaf, tinned	10 cartons
Shoulder Ham, tinned	5 „

OTHER FOOD INSPECTED

Description	Quantity
Beer	336,512 cases and cartons
Cheese	38,010 cases and cartons
Butter	31,585 casks, boxes and cartons
Farina	19,765 bags
Cheese	17,691 loose
Potatoes	15,900 bags
Potato Flour	13,296 „
Sago Flour	11,286 „
Cheesespread	4,843 cartons
Dextrine	4,193 bags
Cockles	2,804 baskets
Peas	1,780 bags
Cheesespread and Bacon	1,222 cartons
Cream, tinned	1,150 „
Onions	1,116 bags
Nescafe	700 cartons
Farina Specialities	600 bags
Strawberry Pulp	470 casks
Shrimps	381 „
Blue Peas	371 bags
Oats	267 „
Tapioca Flour	240 „
Cocoa Butter	417 cartons
Peeled Shrimps	201 barrels

Description					Quantity
Sugar Balls	....	....	....	....	200 bags
Gum	....	....	....	....	200 „
Carrots	....	....	....	....	200 „
Fruit Roll	....	....	....	....	150 cartons
Barley	....	....	....	....	134 bags
Margarine	....	....	....	....	100 cartons
Pickling Onions	....	....	....	....	74 bags
Mussels in brine	....	....	....	....	55 cartons
Mycella Cheese	....	....	....	....	50 tubes
Mussels	....	....	....	....	12 bags
Lobster in jars	....	....	....	....	10 cases
Mushrooms, tinned	....	....	....	....	5 cartons
Gherkins	....	....	....	....	3 casks
Cockles in vinegar	....	....	....	....	2 tins
Rice Flour	....	....	....	....	1 bag

FOODSTUFFS FOUND TO BE UNFIT

Description					Weight			lb.
					Tons	cwts.	qrs.	
Butter	....	....	....	....	1	13	2	14
Cheese	....	....	....	....	1	3	—	15
Luncheon Meat	....	....	....	....	—	9	1	19¼
Bacon	....	....	....	....	—	2	2	26
Pork Luncheon Meat	....	....	....	....	—	—	2	14¼
Lunch Tongues	....	....	....	....	—	—	—	24
Mixed Luncheon Meat	....	....	....	....	—	—	—	12
Pork in natural juice	....	....	....	....	—	—	—	6¾
Chopped Ham	....	....	....	....	—	—	—	2¼
Cooked Boneless Pork Loin	....	....	....	....	—	—	—	2
Frankfurter Sausages	....	....	....	....	—	—	—	½
Total					3	9	3	24

ABSENCE OF ‘OFFICIAL CERTIFICATES’

During the year the undermentioned foodstuffs were detained owing to the absence of the ‘Official Certificates’. The consignments were returned to the countries of origin:

Description				Quantity
Salted Sheep’s Casings	....	....	....	15 casks
Vienna Sausages, tinned	....	....	....	70 cartons
Cocktail Sausages, tinned	....	....	....	50 „
Pork Kidneys....	....	....	....	50 „
Chicken Luncheon Meat	....	....	....	50 „

FOOD AND DRUGS ACT, 1955

Thirteen samples of foodstuffs were taken for chemical analysis under the above Act.

PUBLIC HEALTH (PRESERVATIVES, ETC., IN FOOD) REGULATIONS, 1925-48

Eleven samples of foodstuffs were taken for chemical analysis under the above regulations.

Number of samples of foodstuffs submitted for:

- (a) Chemical analysis 24—report on pages 41–43
- (b) Bacteriological examination 2—report on page 43

REPORT OF THE PORT ANALYST
FOODSTUFFS

In the table below the results of the examination of one hundred and forty-one samples of foodstuffs are set out:

Food and Drugs Act, 1955				
Sample			Number	Result of Examination
Butter	....	....	41	Genuine
Margarine	....	....	6	Genuine
Lard	....	....	5	Genuine
Marzipan	....	....	3	Genuine
Nut Paste	....	....	1	Genuine
Tinned Frankfurter				
Sausage	....	....	1	Genuine
Tinned Tomatoes	....	....	1	Genuine
Danish Blue Cheese	....	....	1	Genuine
Coffee Extract	....	....	1	Genuine
Tinned Cream	....	....	3	Genuine
Morfat Whipping	....	....	1	Genuine
Tinned Milk	....	....	1	Genuine
Cheese and Bacon	....	....	1	Genuine
Bread Improver	....	....	1	Genuine
Cheese	....	....	1	Genuine
Soup Paste	....	....	1	Genuine
Strawberry Jam	....	....	1	Genuine
Tinned Sliced Cooked				
Ham	....	....	1	Genuine
‘Discus’ Spreading Cheese			1	Genuine
Tinned Devilled Ham	....	....	1	Genuine
Cheese Spread	....	....	3	Genuine

Sample	Number	Result of Examination
Tinned Sterilised Cream	2	Genuine
Bottled Beer	1	Genuine
Tinned Pate de Foie	1	Genuine
Tinned Pork Kidneys	1	Genuine
Chicken Skin	1	Genuine

**Public Health (Preservatives, etc. in Food) Regulations,
1925-1948**

Sample	Number	Result of Examination
Oranges and Wrappers	3	Negative for diphenyl and thiourea
Grapefruit and Wrappers	4	Negative for diphenyl and thiourea
Lemons and Wrappers	4	Negative for thiourea. Diphenyl present in three samples but amount less than that permitted
Lemon Wrappers	1	Negative for diphenyl
Currants	3	Negative for preservatives
Sultanas	3	Negative for preservatives
Tinned Strawberries	3	Negative for preservatives
Peeled Shrimps	2	Negative for preservatives
Dehydrated Potato Strip	1	Negative for preservatives
Apricot Pulp	1	Negative for preservatives
Sieved Beans	1	Negative for preservatives
Dehydrated Onion	1	Negative for preservatives
Vegetable Soup	1	Negative for preservatives
Preserved Cherries	6	Contained 3,420, 3,750, 950, 1,490, 1,300 and 1,850 parts per million of sulphur dioxide respectively. Maximum permissible: 3,000 parts per million
Strawberry Pulp	3	Contained 1,200 and 1,855 parts per million of sulphur dioxide respectively. Maximum permissible: 2,000 parts per million
Redcurrant Pulp	1	Contained 1,174 parts per million of sulphur dioxide. Maximum permissible: 1,500 parts per million
Dried Apricots	1	Contained 995 parts per million of sulphur dioxide. Maximum permissible: 2,000 parts per million
Soup Powder	1	Contained 220 parts per million of sulphur dioxide—satisfactory
Tinned Cream	1	Negative for preservatives
Cocktail Sausages in Brine	1	Negative for preservatives
Tinned Chopped Ham	1	Negative for preservatives
Mussels in Brine	1	Negative for preservatives
Tinned Sausages	1	Negative for preservatives
Tinned Mussels	1	Negative for preservatives

Sample	Number	Result of Examination
Chicken Fillets....	1	Negative for preservatives
Tinned Frankfurter Sausages	1	Negative for preservatives
Tinned Pork Luncheon Meat	1	Negative for preservatives
Chicken Breasts	1	Negative for preservatives

Public Health (Imported Food) Regulations 1937-48

Sample	Number	Result of Examination
Milk Powder	6	Satisfactory
Demarara Sugar	1	Contaminated with water and not more than a trace of oil present—satisfactory
Apples	1	Contained 0·2 parts per million of arsenic, 0·8 parts per million of lead and 1·7 parts per million of copper—satisfactory
Apples	1	Contained 0·8 parts per million of arsenic and 1·3 parts per million of lead—satisfactory

BACTERIOLOGICAL EXAMINATIONS

During the year 877 samples of foodstuffs were submitted to the Director of the Public Health Laboratory Service for bacteriological examination, with the following results:

Nature of Sample	Result
Liquid Frozen Egg (836 samples)....	781 samples—negative 51 samples— <i>Salmonella typhimurium</i> isolated 2 sample— <i>Salmonella cambridge</i> isolated 1 sample— <i>Salmonella hessarek</i> isolated 1 sample— <i>Salmonella anatum</i> isolated
Hen Egg Albumen Crystals (16 samples)	Negative
Frozen Hen Egg White (19 samples)	Negative
Dried Hen Egg Powder	Negative
Tinned Chicken	Sterile
Luncheon Meat	Negative
Mussels (2 samples)	Satisfactory
Salted Casings	Organisms of the <i>Salmonella</i> or <i>Shigella</i> groups not present

APPENDIX 1

HULL

Summary of Inspections to Vessels, Foreign and Coastwise

From					
Foreign	{	Steamships ....	....	....	1,511
		Motor Vessels	....	....	2,040
		Sailing Vessels	....	....	—
		Fishing Vessels	....	....	1,316
Coastwise	{	Steamships ....	....	....	487
		Motor Vessels	....	....	496
		Sailing Vessels	....	....	—
					— 5,850

GOOLE

Foreign	{	Steamships ....	....	....	112
		Motor Vessels	....	....	570
		Sailing Vessels	....	....	—
Coastwise	{	Steamships ....	....	....	263
		Motor Vessels	....	....	493
		Sailing Vessels	....	....	—
					— 1,438
					7,288
		Extra Visits ....	....	....	1,160
					—
		Total ....	....	....	8,448
					—

Summary of Inspections to Vessels, British and Foreign Owned

HULL

Owners					
British	{	Steamships ....	....	....	1,261
		Motor Vessels	....	....	787
		Sailing Vessels	....	....	—
		Fishing Vessels	....	....	1,308
					— 3,356
Foreign	{	Steamships ....	....	....	737
		Motor Vessels	....	....	1,749
		Sailing Vessels	....	....	—
		Fishing Vessels	....	....	8
					— 2,494

GOOLE

Owners						
British	{	Steamships	....	....	....	363
		Motor Vessels	....	....	....	486
		Sailing Vessels	....	....	....	—
						—
						849
Foreign	{	Steamships	....	....	....	12
		Motor Vessels	....	....	....	577
		Sailing Vessels	....	....	....	—
						—
						589
						—
						7,288
		Extra Visits	....	....	....	1,160
						—
		Total	....	....	....	8,448
						—

The nationalities and number of inspections are shown below:

British	....	....	....	....	....	4,205
Dutch	....	....	....	....	....	1,151
German	....	....	....	....	....	883
Swedish	....	....	....	....	....	245
Norwegian	....	....	....	....	....	213
Finnish	....	....	....	....	....	179
Danish	....	....	....	....	....	123
Russian	....	....	....	....	....	53
Polish	....	....	....	....	....	34
Spanish	....	....	....	....	....	28
Panamanian	....	....	....	....	....	25
Liberian	....	....	....	....	....	21
Icelandic	....	....	....	....	....	19
Costa Rican	....	....	....	....	....	19
Greek	....	....	....	....	....	18
Belgian	....	....	....	....	....	12
Italian	....	....	....	....	....	14
Jugo-Slav	....	....	....	....	....	11
Eirean	....	....	....	....	....	8
French	....	....	....	....	....	5
Argentinean	....	....	....	....	....	5
Hondurasian	....	....	....	....	....	4
Turkish	....	....	....	....	....	4
Syrian	....	....	....	....	....	2
Israelite	....	....	....	....	....	2
Japanese	....	....	....	....	....	1
Faroese	....	....	....	....	....	1
Indian	....	....	....	....	....	2
Swiss	....	....	....	....	....	1
						—
		Total	....	....	....	7,288
						—

APPENDIX II

Table showing the Ports from which came vessels boarded on arrival by Medical Officers for the purposes of the Public Health (Ships) Regulations, 1952-54, and the Aliens Order, 1953

Port	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Abo	-	-	-	-	1	-	-	-	-	-	-	-	1
Aghia Marina via Ceuta/Algiers	1	1	-	-	-	-	-	-	-	-	-	-	2
Alexandria	-	-	-	-	-	-	1	-	-	-	-	-	1
Algicaras via Ceuta	-	-	-	1	-	-	-	-	-	-	-	-	1
Antalya via Ceuta....	-	-	-	-	-	1	-	-	-	-	-	-	1
Antwerp	-	-	-	-	-	-	-	-	1	1	-	-	2
Aqaba	-	-	-	-	-	-	1	-	-	-	-	-	1
Archangel	-	-	-	-	-	-	-	1	-	-	-	-	1
Australian Ports via Port Said	-	-	-	-	-	-	-	1	-	-	-	2	3
Barcelona, direct and via Ceuta	1	-	1	1	-	-	1	-	-	-	-	-	4
Bombay	-	-	-	-	-	-	-	-	-	-	-	1	1
Bremen	3	-	1	4	3	6	4	6	3	2	3	-	35
Catania via Algiers/Ceuta	-	-	-	1	1	1	-	-	-	-	-	-	3
Famagusta via Ceuta....	1	-	-	-	-	-	-	-	-	-	-	-	1
Fetiye (Turkey)	-	-	1	-	-	-	-	-	-	-	-	-	1
Foreign Fishing Grounds	-	-	-	-	-	1	-	-	-	1	1	-	3
Gandia via Ceuta	-	-	-	-	-	-	-	-	-	-	-	1	1
Gdynia	-	-	1	-	-	1	-	-	-	-	-	-	2
Goole	1	-	-	-	-	-	-	-	-	-	-	-	1
Haifa	-	1	2	-	-	-	-	-	-	-	-	-	3
Hamburg	-	4	-	3	5	6	8	5	5	5	2	2	45
Helsingfors	-	-	-	-	1	-	1	-	-	-	-	-	2
Jaffa	-	-	-	1	1	-	-	-	-	-	-	-	2
Kotka	1	-	-	-	-	-	-	-	-	-	-	-	1
Kyndby....	-	-	-	-	-	-	-	-	1	-	-	-	1
Leixoes	-	-	-	-	-	-	-	-	-	1	-	-	1
Malaga via Ceuta	-	-	-	-	-	1	-	-	-	-	-	-	1
Carried forward	8	6	6	11	12	17	16	13	10	10	6	6	121

Port	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Brought forward	8	6	6	11	12	17	16	13	10	10	6	6	121
Mauritius	—	—	1	1	—	—	1	—	—	—	—	—	3
Messina via Algiers	—	—	—	1	—	—	—	—	—	—	—	—	1
Morphou Bay via Algiers	—	—	—	1	—	—	—	—	—	—	—	1	2
Mombasa	1	—	—	—	—	—	—	—	—	—	—	—	1
Naples via Oran/Algiers....	—	—	—	—	—	—	—	—	—	—	2	—	2
New York	—	—	—	—	—	—	—	—	1	—	—	—	1
North African Ports	4	1	2	1	4	2	2	1	—	1	2	1	21
Palermo via Algiers	—	—	—	—	—	—	—	—	—	1	—	—	1
Port Sudan	—	1	—	—	1	2	—	—	—	2	1	—	7
Rotterdam	8	7	7	8	9	9	9	8	9	9	8	8	99
Salerno via Algiers/Ceuta	—	—	—	—	—	—	—	—	1	2	—	—	3
South American Ports via Dakar	—	—	—	—	—	—	1	—	—	—	1	—	2
Terneuzen	—	—	—	—	—	—	—	—	—	1	—	—	1
Tyne Ports	—	—	—	—	—	—	—	—	—	1	—	—	1
West African Ports	5	5	3	9	1	5	3	2	4	2	2	1	42
Extra Medical Inspections	—	—	—	—	—	1	—	—	—	—	—	—	1
Totals	26	20	19	32	27	36	32	24	25	29	22	17	309*

* 121 of these arrivals were direct from 'Infected Areas'.

APPENDIX III

Tabulated Statement showing the Total Number of Admissions to Hospitals during 1957

<i>Date of Admission</i> 1957	<i>Disease</i>	<i>Rating</i>	<i>Nationality</i>	<i>Name of Vessel</i>	<i>Where from</i>	<i>Date Discharged</i>
March 4th	Sonne Dysentery	A.B.	Dutch	m.v. "Julia Anne"	Barcelona	April 3rd
June 3rd	Tonsillitis	A.B.	British	s.s. "Drakensberg Castle"	Cape Town	June 28th
June 4th	Malaria	2nd Officer	British	m.v. "Irish Heather"	Lagos	June 25th
Aug. 8th	Infective Hepatitis	Ordinary Seaman	Finnish	s.s. "Gunny"	Archangel	August 30th
Aug. 18th	Bronchitis and Asthma	Lascar Deck Topaz	Indian	s.s. "City of Swansea"	Port Swettenham	September 6th
Sept. 7th	Gastritis	Deck Boy	British	s.s. "Cottrell"	Lagos	September 17th
Sept. 16th	Bronchitis	Seaman	Indian	m.v. "Sacramento"	New York	September 24th
Sept. 9th	Chicken-pox	Catering Boy	British	s.s. "Eskwater"	Kemi	September 28th
Sept. 25th	Haemoptisis of unde- termined aetiology	Seaman	French	s.s. "Ailette"	Fishing Grounds	Repatriated Sept. 30th
Oct. 2nd	Influenza	2nd Engineer	British	m.v. "Adlington Court"	Tyne Ports	October 8th
Oct. 4th	Influenza	Fireman	British	s.s. "Blyth"	Hamburg	October 7th
Oct. 5th	Tonsillitis	Asst. Engineer	German	s.s. "Adler"	Hamburg	October 15th
Oct. 8th	Influenzal Pneumonia	Deck Hand	British	s.t. "Stella Polaris"	Foreign Fishing Grounds	October 27th
Nov. 18th	Pulmonary Tuberculosis	Boatswain	British	s.s. "City of Philadelphia"	Fremantle	December 12th
Dec. 12th	Vaccination	Ordinary Seaman	British	m.v. "Suevic"	Melbourne	December 20th
Dec. 15th	Pneumonia	Electrician	Indian	s.s. "Jalvallahb"	Bombay	Jan. 1st, 1958.

APPENDIX IV

Vessels on their Arrival on which Cases of Infectious Disease existed or had occurred during the voyage

<i>Date</i>	<i>Name of Vessel</i>	<i>Where from</i>	<i>No. of Cases</i>	<i>Rating</i>	<i>How dealt with</i>
Sept. 18th 1957	s.s. "Dago"	Salerno	1	Deck Boy	Landed at Leghorn
				CEREBRO-SPINAL MENINGITIS	
				CHICKEN-POX	
Sept. 9th	s.s. "Eskwater"	Kemi	1	Catering Boy	Admitted to Castle Hill Hospital, Cottingham
Sept. 28th	s.s. "Calabar"	Freetown	1	Seaman	Treated on board by Ship's Surgeon
				DYSENTERY	
Mar. 4th	m.v. "Julia Anne"	Barcelona	1	A.B.	Admitted to Castle Hill Hospital, Cottingham
				INFECTIVE HEPATITIS	
Aug. 8th	s.s. "Gunny"	Archangel	1	Ordinary Seaman	Admitted to Castle Hill Hospital, Cottingham
				INFLUENZA	
Aug. 8th	s.s. "Henning Oldendorff"	Cyprus	2	Seamen	Landed at Malta
Sept. 16th	m.v. "Sacramento"	New York	33	Crew	Treated by the Shipping Federation doctor
Sept. 21st	Pilot Cutter "J.H. Fisher"	—	1	Apprentice	Treated by patient's own doctor
Sept. 24th	s.s. "Hebble"	—	1	Seaman	Treated by the Shipping Federation doctor
Sept. 25th	Pilot Cutter "William Fenton"	—	3	Apprentices	Treated by patients' own doctors
Sept. 27th	Pilot Cutter "William Fenton"	—	6	Apprentices	Treated by patients' own doctors

APPENDIX IV—Continued

<i>Date</i>	<i>Name of Vessel</i>	<i>Where from</i>	<i>No. of Cases</i>	<i>Rating</i>	<i>How dealt with</i>
1957					
INFLUENZA—Continued					
Sept. 29th	m.v. "Ida Pilter"	Antwerp	1	Ordinary Seaman	Treated by Agent's doctor
Sept. 9th	s.s. "Aire"	Antwerp	1	Asst. Steward	Proceeded to his home for treatment
Sept. 27th	m.v. "Lingestroom"	Amsterdam	1	2nd Officer	Treated by the Shipping Federation doctor
Oct. 1st	m.v. "Tempo D"	Rotterdam	1	Seaman	Treated by Agent's doctor
Oct. 2nd	m.v. "Adlington Court"	Tyne Ports	1	2nd Engineer	Admitted to Castle Hill Hospital, Cottingham
Oct. 4th	s.s. "Blyth"	Hamburg	1	Fireman	Admitted to Castle Hill Hospital, Cottingham
Oct. 8th	s.s. "Almerian"	Villa Constitution	2	Seamen	Treated by Agent's doctor
Oct. 9th	s.s. "Melrose Abbey"	Rotterdam	1	Chief Cook	Proceeded to his home for treatment
Oct. 9th	m.v. "Reykjafoss"	Antwerp	5	Crew	Treated by Agent's doctor
Oct. 10th	m.v. "Whitby Abbey"	Rotterdam	4	Crew	Suffered during the voyage—recovered
Oct. 10th	s.s. "Almerian"	Villa Constitution	3	Crew	Treated by Agent's doctor
Oct. 13th	s.s. "Bury"	Rotterdam	1	2nd Steward	Proceeded to his home for treatment
Oct. 14th	s.s. "Almerian"	Villa Constitution	2	Chief Officer and Deck Boy	Treated by Agent's doctor
Oct. 15th	m.v. "Nottingham"	Terneuzen	1	Cook	Treated by Agent's doctor
Oct. 24th	s.s. "Stientje Mensinga"	Rotterdam	1	Seaman	Treated on board
Oct. 24th	s.s. "Villablanca"	Leixoes	4	Crew	Treated by the Shipping Federation doctor
Oct. 2nd	s.s. "Melrose Abbey"	Rotterdam	1	A.B.	Treated by patient's own doctor
Nov. 4th	s.s. "City of Perth"	Cape Town	4	Crew	Treated by Agent's doctor
Nov. 13th	m.v. "Krocnborg"	Hamina	5	Crew	1 Treated by the Shipping Federation doctor; 4 suffered during voyage—recovered
Nov. 6th	m.v. "Milotence"	Ipswich	1	Master	Admitted to Westfield Hospital, Goole
Dec. 15th	s.s. "Jalvallabh"	Bombay	19	Crew	Treated by the Shipping Federation doctor
MALARIA					
May 20th	m.v. "Grainton"	Lagos	1	Engineer	Suffered during the voyage—recovered
June 4th	m.v. "Irish Heather"	Lagos	1	2nd Officer	Admitted to Castle Hill Hospital, Cottingham
June 30th	s.s. "Lagos Palm"	Dakar	1	Carpenter	Suffered during the voyage—recovered

APPENDIX IV—Continued

<i>Date</i> 1957	<i>Name of Vessel</i>	<i>Where from</i>	<i>No. of Cases</i>	<i>Rating</i>	<i>How dealt with</i>
PARA-TYPHOID 'B'.					
Dec. 31st	s.s. "Cuzco"	West Coast of South America via Liverpool	1	Engineer	Admitted to hospital at Widnes
PNEUMONIA					
Oct. 8th	s.t. "Stella Polaris"	Foreign Fishing Grounds	1	Deck Hand	Admitted to Castle Hill Hospital, Cottingham
Oct. 14th	s.t. "Kingston Zircon"	Foreign Fishing Grounds	1	Fireman	Died at sea
Dec. 15th	s.s. "Jalvallah"	Bombay	1	Electrician	Admitted to Castle Hill Hospital, Cottingham
PULMONARY TUBERCULOSIS					
Nov. 18th	s.s. "City of Philadelphia"	Fremantle	1	Boatswain	Admitted to Castle Hill Hospital, Cottingham
RUBELLA					
May 3rd	s.s. "Borodino"	Copenhagen	1	Chief Officer	Treated at patient's home by a private medical practitioner
VIRUS ENCEPHALITIS					
Dec. 17th	s.s. "Empire Parkeston"	Harwich	1	Asst. Steward	Admitted to hospital at Colchester after leaving Hull

APPENDIX V

Total number of ships inspected	....	....	....	....	6,980
Total number of ships with defects, including those due to dirt, vermin, etc.	....	....	....	....	458
Total number of ships remedied	....	....	....	....	152
(a) at Hull					
British owned	....	....	....	....	128
Foreign owned	....	....	....	....	250
(b) at Goole					
British owned	....	....	....	....	18
Foreign owned	....	....	....	....	62

(a) DEFECTS OF ORIGINAL CONSTRUCTION

BRITISH

VENTILATION:

			No. of defects	Remedied
Unventilated W.C. compartments	....		2	1
„ messroom	....	....	1	—
„ drying room	....	....	1	—
„ wash place	....	....	1	—
			—	—
Totals	....	....	5	1
			—	—

FOREIGN

VENTILATION:

			No. of defects	Remedied
Unventilated W.C. compartments	....		115	1
„ wash places	....	....	93	1
„ cabins	....	....	83	—
„ messrooms	....	....	28	—
„ combined W.C. and wash place	....	....	27	—
„ galley-messrooms	....	....	26	1
„ pail closet compartments			15	—
„ shower compartments	....		6	—
„ forecastles	....	....	4	—
„ galley	....	....	1	—
Ventilators in an unsatisfactory position over bunks	....	....	2	—

WATER CLOSETS:

W.Cs. without water supply	....	....	40	1
			—	—
Totals	....	....	440	4
			—	—

(b) STRUCTURAL DEFECTS THROUGH WEAR AND TEAR
BRITISH

				No. of defects	Remedied
Defective	W.Cs. and fittings	....	....	30	27
,,	ventilators	....	....	19	19
,,	doors	....	....	13	13
,,	radiators	....	....	13	13
,,	side ports and glasses	....	....	11	11
,,	flooring	....	....	8	8
,,	and leaky overhead decks	....	....	7	7
,,	stoves and fittings	....	....	5	5
,,	showers	....	....	5	5
,,	clothes lockers	....	....	5	5
,,	lagging to pipes	....	....	5	5
,,	wash-hand basins and fittings	....	....	4	4
,,	waste pipes	....	....	4	4
,,	taps	....	....	3	3
,,	calorifiers	....	....	3	3
,,	seating	....	....	3	3
,,	bunks	....	....	3	3
,,	and choked scuppers	....	....	3	3
,,	baffles to ventilators over bunks	....	....	2	2
,,	steam pipes and casings	....	....	2	2
,,	geysers	....	....	2	2
,,	central heating stoves	....	....	2	2
,,	steam press	....	....	1	1
,,	cork dusting	....	....	1	1
,,	sink	....	....	1	1
,,	hot water supply to washplace	....	....	1	1
,,	water supply pipe	....	....	1	1
,,	seat locker	....	....	1	1
Fuel oil leaking into oilskin locker		....	....	1	1
,,	,, ,, drying locker	....	....	1	—
	Totals	....	....	160	156

FOREIGN

				No. of defects	Remedied
Defective	W.Cs. and fittings	....	....	19	8
,,	wash-hand basins and fittings	....	....	4	2
,,	radiators	....	....	3	3
,,	showers	....	....	2	—
,,	sinks and surrounds	....	....	2	2
,,	scupper	....	....	1	1
,,	side port	....	....	1	1
	Totals	....	....	32	17

(c) DIRT, VERMIN AND OTHER CONDITIONS
PREJUDICIAL TO HEALTH

BRITISH

			No. of defects	Remedied
Dirty condition of cabins	....	....	311	311
„ „ washplaces	....	....	73	73
„ „ messrooms	....	....	72	72
„ „ W.C. compartments	....	....	40	40
„ „ pantries	....	....	10	10
„ „ forecastles	....	....	9	9
„ „ drying rooms	....	....	7	7
„ „ alleyways	....	....	4	4
„ „ recreation rooms	....	....	4	4
„ „ galleys	....	....	3	2
„ „ oilskin lockers	....	....	2	2
„ „ provision lockers	....	....	2	2
„ „ W.C./Washplace	....	....	1	1
Cabins requiring painting	....	....	16	16
Messrooms requiring painting	....	....	4	4
Pantry requiring painting	....	....	1	1
Verminous condition of cabins	....	....	53	46
„ „ messrooms	....	....	26	24
„ „ pantries	....	....	13	12
„ „ galleys	....	....	7	6
„ „ forecastles	....	....	6	6
„ „ storerooms	....	....	2	1
„ „ saloon	....	....	1	1
Quarters infested with mice....	....	....	1	1
Insanitary condition of galley refuse	....	....	2	2
Misappropriation of crew spaces:				
Drying room converted into lamp room			1	—
Totals	....	....	671	657

FOREIGN

			No. of defects	Remedied
Dirty condition of W.C. compartments	....		11	11
" " washplaces	....	....	6	6
" " forecastles	....	....	6	6
" " messrooms	....	....	5	5
" " cabins	....	....	2	2
" " storeroom	....	....	1	1
" " refrigerated compartment			1	1
" " combined W.C./Washplace			1	1
Verminous condition of cabins	....	....	32	32
" " galleys	....	....	6	6
" " messrooms	....		4	4
" " pantries	....	....	4	4
" " washplaces	....		4	4
" " storerooms	....		3	3
" " oilskin lockers	....		2	2
Quarters infested with mice	....	....	1	—
Pantry infested with mice	....	....	1	—
Storeroom infested with mice	....	....	1	—
			—	—
Totals	....		91	88
			—	—

**(d) DEFECTS ARISING FROM STRUCTURAL
ALTERATIONS**

BRITISH

	No. of defects	Remedied
VENTILATION:		
Unventilated washplaces	8	—
„ W.C. compartments	6	1
„ messrooms	3	—
„ cabin	1	—
„ hospital	1	—
Ventilators in an unsatisfactory position over bunks	5	2
CREWS' QUARTERS:		
Fittings removed from showers	2	—
„ „ „ hot water service	1	—
	—	—
Totals	27	3
	—	—

FOREIGN

VENTILATION:				
	No. of defects	Remedied		
Unventilated cabins	35	—		
„ washplaces	23	—		
„ W.C. compartments	19	—		
„ messrooms	11	—		
„ combined W.C. and wash- place	8	—		
„ galley-messrooms	5	1		
„ pail closet compartments....	2	—		
Ventilator in an unsatisfactory position over a bunk	1	—		
WATER CLOSETS:				
W.Cs. without water supply	9	—		
	—	—		
Totals	113	1		
	—	—		

